

1. A controlled atmosphere incubator comprising:
  - a heater;
  - a cabinet including a chamber housing a gaseous environment,  
said chamber being in thermal communication with the heater and
- 5 surrounded by top, bottom, rear and side walls and having a front side with an opening;
  - an outer door pivotally mounted to said front side;
  - a high flow rate blower mounted within said cabinet and  
including an inlet and an outlet;
- 10 a plenum formed in said chamber and providing an air circulation path through said chamber, said plenum being partially formed by a plate mounted across said chamber and between the inlet and outlet of said blower; and
- 15 a VOC filter removably attached to the inlet of said blower,  
said VOC filter being disposed within the gaseous environment of said chamber.

2. The controlled atmosphere incubator of claim 1 further including a HEPA filter coupled to said VOC filter and contained within said chamber.
3. The controlled atmosphere incubator of claim 2 wherein said VOC filter is disposed circumferentially about said HEPA filter.
4. The controlled atmosphere incubator of claim 2 wherein said VOC filter further includes a first molecular sieve element.
5. The controlled atmosphere incubator of claim 4 wherein said first molecular sieve element is selected from the group consisting of carbon, activated carbon, silica, zeolites, and silica zeolites.
6. The controlled atmosphere incubator of claim 5 wherein said VOC filter further includes a second molecular sieve element.
7. The controlled atmosphere incubator of claim 6 wherein said second molecular sieve element is selected from the group consisting of carbon, activated carbon, silica, zeolites, and silica zeolites.
8. The controlled atmosphere incubator of claim 1 wherein said plate is mounted adjacent an upper wall of said chamber to form said plenum between said plate and said upper wall.

9. The controlled atmosphere incubator of claim 8 wherein said inlet extends below said plate and said VOC filter is mounted adjacent to a lower surface of said plate.



11. The controlled atmosphere incubator of claim 10 further comprising a HEPA filter removably mounted within said chamber and operatively connected to the blower to filter the air being circulated within the chamber.
12. The controlled atmosphere incubator of claim 11 wherein said HEPA filter is coupled to said VOC filter and contained within said chamber.
13. The controlled atmosphere incubator of claim 12 wherein said VOC filter is disposed circumferentially about said HEPA filter.
14. The controlled atmosphere incubator of claim 12 wherein said VOC filter further includes a first molecular sieve element.
15. The controlled atmosphere incubator of claim 14 wherein said first molecular sieve element is selected from the group consisting of carbon, activated carbon, silica, zeolites, and silica zeolites.
16. The controlled atmosphere incubator of claim 15 wherein said VOC filter further includes a second molecular sieve element.
17. The controlled atmosphere incubator of claim 16 wherein said second molecular sieve element is selected from the group consisting of carbon, activated carbon, silica, zeolites, and silica zeolites.